

BIOGRAPHICAL SKETCH

NAME Stephen Blair Little	POSITION TITLE Chemist		
eRA COMMONS USER NAME			
EDUCATION/TRAINING (<i>Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.</i>)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Gardner-Webb University	B.S.	1977	Mathematics
NC State University	B.S.	1981	Biochemistry
NC State University	M.A.	2001	Toxicology

A. POSITIONS and HONORS**Research and Professional Experience:**

2005-present Computational Chemist, National Center for Computational Toxicology, ORD
 Chemist with the Environmental Carcinogenesis Division, NHEERL, US Environmental Protection Agency, RTP, NC
 Research Scientist, contract support scientist with Integrated Laboratory Systems, Inc. working at U.S. EPA, Environmental Carcinogenesis Division, RTP, NC
 Research Assistant, contract support scientist with Environmental Health Research and Testing, Inc. working at U.S. EPA, Environmental Carcinogenesis Division, RTP, NC
 1982 - 1984 Research Technician, BSRC, UNC-CH, Chapel Hill, NC
 Research Technician, Cancer Research Center, UNC-CH, Chapel Hill, NC
 Research Chemist (GS-5), ACB, U.S. EPA, RTP, NC
 Technical Assistant for Acme United Corporation, Fremont, NC

Professional Societies and Affiliations:

American Chemistry Society (since 1982), including Computers in Chemistry division, Chemical Toxicology division, Chemical Information division and Medicinal Chemistry division.
 Society of Toxicology (since 2002), including NC SOT
 Genotoxicity and Environmental Mutagen Society (since 1986)

Honors and Awards:

Time off Award – 1995. Outstanding Performance Award – 1997. On-The-Spot (OTS) awards - 1998 and 2000. Group cash award – 2001. “S” Special Accomplishment Recognition Award – 2001, for his significant contribution to the EPA cosponsored EMS International Breast Cancer meeting. 2003 Scientific and Technological Achievement Award – honorable mention. “S” Award 2004 – for serving as Conazole QA TSR technical expert on review team. Time off Award 2006 – group award for establishing NCCT.

Selected Expert Committees/Advisory Panels/Organizing Committees:

Councilor/board member for Genetics and Environmental Mutagenesis Society, a regional scientific society.

B. SELECTED PUBLICATIONS (selected from 13 total).

JR Rabinowitz, SB Little and EM Gifford (1998) The Interactions between Chlorinated Dioxins and a Positively Charged Molecular Probe: A New Molecular Interaction Potential, Journal of Computational Chemistry 19, 673 – 684.

- SB Little, JR Rabinowitz, P Wei. and W Yang (1999) A comparison of calculated and experimental geometries for crowded polycyclic aromatic hydrocarbons and their metabolites, *Polycyclic Aromatic Compounds* 14, 53 – 61.
- JR Rabinowitz, SB Little and KW Brown, (2001) Why does 5-methyl chrysene interact with DNA as both a planar and nonplanar polycyclic aromatic hydrocarbon, *International Journal of Quantum Chemistry* 88, 99 106.
- KW Brown, SB Little, JR Rabinowitz (2002) Benzo[a]pyrene and Benzo[c]phenanthrene: The effect of structure on the binding of water molecules to the diol epoxides, *Chemical Research in Toxicology* 15, 1069 – 1079.
- JR Rabinowitz, SB Little, EM Gifford (2004) Molecular Interaction Potentials for the development of structure activity relationships, In *Quantitative Structure-Activity Relationships for Pollution Prevention, Toxicological Screening, Risk Assessment and Web Applications*, Society of Environmental Toxicology and Chemistry, 93 – 104.